



IN YOUR REPLY PLEASE QUOTE
FILE NO.....

NATIONAL RESEARCH COUNCIL
CANADA

ELIZABETH A. LEWIS, B.Sc.
MARITIME REGIONAL LABORATORY

HALIFAX, N.S.
2nd October 1952.

Dear Josh,

It was very kind of you to send those samples. David Goring asked me to thank you for the millipore filter and information, and I was particularly grateful for the brochure on lights, and for the flavonol samples.

Rutin seems very sparingly soluble in water in the cold, but 10 mg/l gives a clear solution. A whole range of dilutions were tested for inhibition of mating in Chlamydomonas moewusii, but no suspicion of inhibition was observed even at the highest concentrations (suspensions). Kuhn & Löw (Naturwiss. (9):283, 1947) reported that 0.0001 mg/l was completely inhibitory to mating in C. eugametos.

I observed not only mating as in controls, but also the formation of normal zygotes in rutin solutions.

So there!.

Joyce earned her union card at Yale, and is now branching ~~into~~ into silicon biochemistry. What compilations the annual indexes of the Chem. Abstracts are!

Best wishes to Esther:

Yours,